

Product Datasheet

Cytokeratin 14 Antibody (CL14568) - Azide and BSA Free NBP3-44264

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-44264

Cytokeratin 14 Antibody (CL14568) - Azide and BSA Free

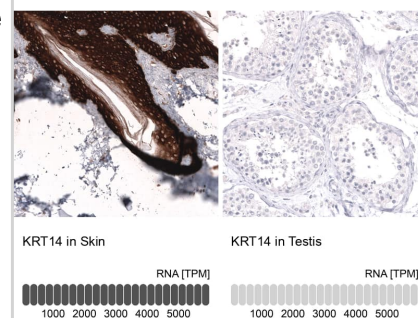
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14568
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	3861
Gene Symbol	KRT14
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P02533, with the exact immunogen sequence remaining proprietary.

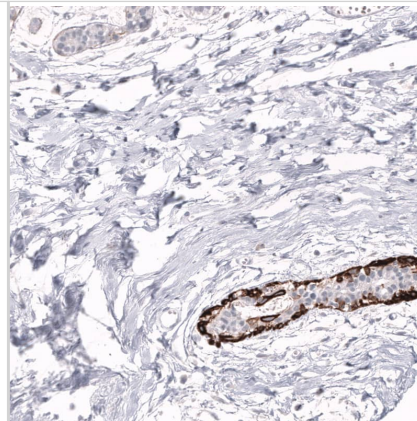
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

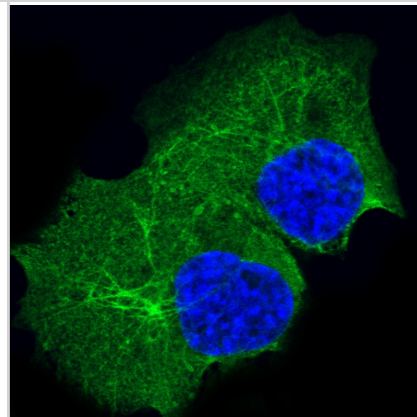
Analysis in human skin and testis tissues using NBP3-44264 antibody. Corresponding Cytokeratin 14 RNA-seq data are presented for the same tissues.



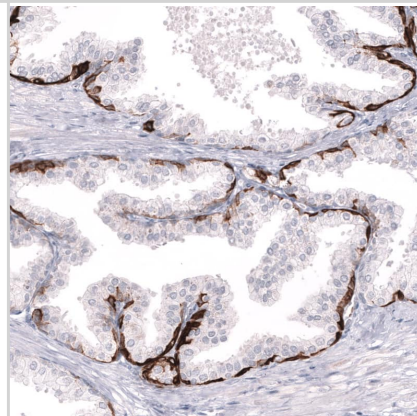
Staining of human breast shows strong cytoplasmic positivity in basal layer of ductal cells.



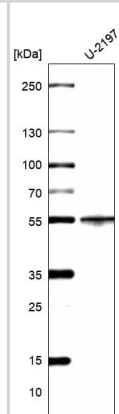
Staining in A-431 cell line with Anti-Cytokeratin 14 monoclonal antibody)



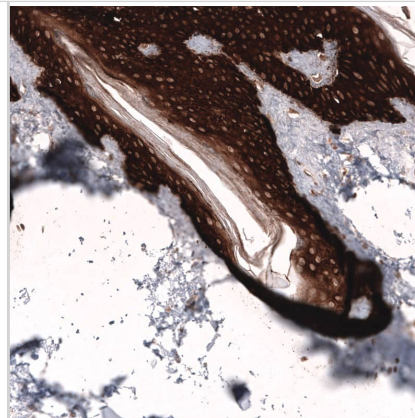
Staining of human prostate shows strong cytoplasmic positivity in basal layer of glandular cells.



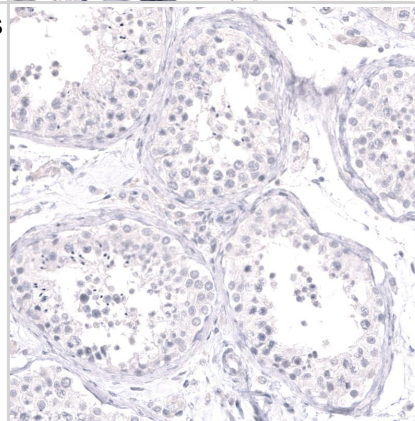
Analysis in human cell line U-2197.



Staining of human skin shows strong cytoplasmic positivity in squamous epithelial cells.



Staining of human testis shows no positivity in cells in seminiferous ducts as expected.





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Products Related to NBP3-44264

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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